

Silicon Nitride - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Silicon Nitride market is accounted for \$91.68 million in 2018 and is expected to reach \$238.35 million by 2027 growing at a CAGR of 11.2% during the forecast period. Use of silicon nitride as an alternative in many end-use industries and superior properties of silicon nitride balls are the major factors driving the market growth. However, the high cost of manufacturing is restraining market growth.

Silicon nitride balls, also known as the silicon nitride ceramic balls, are mainly used in bearing. The raw materials used to manufacture silicon nitride balls include silicon nitride fine powder and sintering aids such as aluminium oxide and yttrium oxide.

Based on Type, Sintered Silicon Nitride (SSN) segment the growth of the segment is constantly enhancing due to its wide range of applications such as components in glow plugs in diesel engines, pre-combustion chambers, turbochargers, rocker arm pads in spark-ignition engines, and components in exhaust gas control valves are driving the segment in the market. By geography, Asia Pacific is going to have a lucrative growth during the forecast period owing to the growing innovation and the rising demand for improved products in the end-use industries are driving the use of silicon nitride in the region.

Some of the key players profiled in the Silicon Nitride Market are UBE, 3M, Alzchem, Ceramtec, Coorstek, Denka, H.C. Stark, Kyocera Corporation, Morgan Advanced Materials, Rogers Corporation, Toshiba, Vesta Si, and Yantai Tomley Hi-Tech Advanced Materials.

Sizes Covered:

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